

DIALOG(R) File 351:Derwent WPI
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Concrete for mortar particles - reinforced with smaller, lower water
absorption particles and very fine particles, for hydraulic composite

Patent Assignee: CHICHIBU CEMENT KK (CHCH)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2102152	A	19900411	JP 88250855	A	19881006	199021 B
JP 95080697	B2	19950830	JP 88250855	A	19881006	199539

Priority Applications (No Type Date): JP 88250855 A 19881006

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 95080697	B2		7	C04B-007/19	Based on patent JP 2102152

Abstract (Basic): JP 2102152 A

Concrete or mortar is reinforced by filling 0.01-0.5 microns size
inorganic solid particles (B) and particles (C) having 0.1-15 micron
size continuous particle size distribution, and lower water-absorption
among 0.5-100 micron size cement particles (A) which was densely
compacted.

Hydraulic composite comprises 65-95wt.% 0.5-100 micron size cement
particles and 5-35wt.% additive reinforcing material comprising
25-75wt.% particles (B) and 25-75wt.% particles (C).

USE - For increasing mechanical strength, chemical resistance,
freeze resistance, and hardness of concrete or mortar. (6pp Dwg.No.0/9)

Derwent Class: L02

International Patent Class (Main): C04B-007/19

International Patent Class (Additional): C04B-007/13; C04B-007/24;

C04B-007/26; C04B-014/02; C04B-020/00